

Table 2. Mean Spherical Equivalent Refractive error, Mean Absolute Cylindrical Power, Mean J0 and Mean J45 Vector Components of Astigmatism in Right and Left Eyes of the Non-Hispanic White and Asian Children Stratified by Age in the Multi-Ethnic Pediatric Eye Disease Study

Non-Hispanic White									
Age group In months	N*	Mean (SD) Spherical Equivalent, in diopters		Mean (SD) cylindrical power, in diopters		Mean (SD) J0, in diopters		Mean (SD) J45, in diopters	
		Right	Left	Right	Left	Right	Left	Right	Left
6 to 11	123	1.36 (1.06)	1.40 (1.12)	0.63 (0.69)	0.68 (0.68)	0.18 (0.37)	0.18 (0.41)	-0.01 (0.21)	0.02 (0.18)
12 to 23	225	1.24 (0.98)	1.23 (1.01)	0.40 (0.49)	0.41 (0.47)	0.04 (0.29)	0.02 (0.28)	-0.00 (0.12)	0.02 (0.13)
24 to 35	249	1.17 (1.03)	1.21 (1.07)	0.39 (0.44)	0.37 (0.43)	0.08 (0.25)	0.05 (0.26)	-0.00 (0.12)	0.03 (0.11)
36 to 47	303	1.47 (1.36)	1.52 (1.40)	0.41 (0.52)	0.36 (0.46)	0.09 (0.29)	0.05 (0.27)	0.00 (0.14)	0.02 (0.10)
48 to 59	273	1.32 (1.00)	1.31 (1.07)	0.33 (0.43)	0.31 (0.40)	0.10 (0.23)	0.06 (0.22)	0.01 (0.10)	0.02 (0.10)
60 to 72	328	1.37 (1.27)	1.35 (1.41)	0.36 (0.50)	0.32 (0.52)	0.12 (0.26)	0.07 (0.27)	0.01 (0.10)	0.01 (0.12)
Total	1501	1.33 (1.15)	1.34 (1.22)	0.39 (0.50)	0.38 (0.49)	0.09 (0.28)	0.06 (0.28)	0.00 (0.13)	0.02 (0.12)
Asian									
Age group In months	N*	Mean (SD) Spherical Equivalent, in diopters		Mean (SD) cylindrical power, in diopters		Mean (SD) J0, in diopters		Mean (SD) J45, in diopters	
		Right	Left	Right	Left	Right	Left	Right	Left
6 to 11	133	0.98 (1.04)	0.98 (1.00)	0.61 (0.56)	0.58 (0.60)	0.18 (0.36)	0.22 (0.33)	-0.00 (0.11)	0.01 (0.14)
12 to 23	239	0.66 (0.96)	0.67 (0.94)	0.45 (0.53)	0.42 (0.56)	0.09 (0.31)	0.08 (0.33)	-0.02 (0.13)	0.01 (0.11)
24 to 35	256	0.77 (1.37)	0.83 (1.40)	0.54 (0.68)	0.52 (0.66)	0.11 (0.40)	0.09 (0.39)	-0.02 (0.14)	0.02 (0.13)
36 to 47	272	0.88 (1.00)	0.92 (1.13)	0.41 (0.46)	0.41 (0.50)	0.11 (0.26)	0.08 (0.29)	-0.02 (0.12)	0.04 (0.12)
48 to 59	287	0.91 (1.36)	0.91 (1.22)	0.50 (0.67)	0.45 (0.59)	0.17 (0.35)	0.12 (0.32)	-0.01 (0.15)	0.02 (0.14)
60 to 72	320	0.82 (1.17)	0.79 (1.21)	0.41 (0.51)	0.42 (0.56)	0.15 (0.25)	0.13 (0.29)	0.00 (0.14)	0.02 (0.14)
Total	1507	0.83 (1.18)	0.84 (1.18)	0.48 (0.58)	0.46 (0.58)	0.13 (0.32)	0.11 (0.33)	-0.01 (0.14)	0.02 (0.13)

*: number of children with data for one or both eyes. 2 non-Hispanic White children had data for right eye and 3 had data for left eye only. 3 Asian children had data for right eye and 3 had data for left eye only. SD: standard deviation.